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Product Name	Cross-Ref	Catalog	Literature	Industries	Standards	Contact Us	About Us	Investors	Careers
Connectors	Sockets	I/O Connectors	Cable Assemblies	Fiber Optics	Printed Circuit Products	Automation and Electrical	And More...		

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Part Number: 0190010008

Status: Active

Description: Avikrimp™ Quick Disconnect, Male, for 14-16 (2.00-1.30), Box, Tab 4.75mm (.187") x 0.51mm (.020")

Documents:
Note - Please disable browser pop-up blockers for documents on www.molex.com
Drawing (PDF)   Related Catalog Page (PDF)

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Part Detail: (show all)

General   Physical   Electrical   Material Info

General

Product Family	Quick Disconnects
Series	19001
Product Name	Avikrimp™
Type	Quick Disconnect

Physical

Barrel Type	Closed
Flammability	94 V-0
Gender	Male
Insulation	Nylon (PA)
Lock to Mating Part	None
Material - Metal	Copper
Material - Plating Mating	Zinc Chromate
Material - Plating Termination	Zinc Chromate
Orientation	Straight
Packaging Type	Bag
Plating min: Mating (uin)	200
Plating min: Mating (um)	5
Plating min: Termination (uin)	200
Plating min: Termination (um)	5
Polarized to Mating Part	No
Tab Thickness	0.51mm (.020")
Tab Width	4.75mm (.187")
Temperature Range - Operating	-65°C to +105°C
Wire Insulation Diameter	4.32mm (.170") max.
Wire Size AWG	14
Wire Size AWG	16
Wire Size mm²	1.30 - 2.00

Electrical

CSA	LR18689
TUV	R9071070
UL	E79133
Voltage - Maximum	300V

Material Info
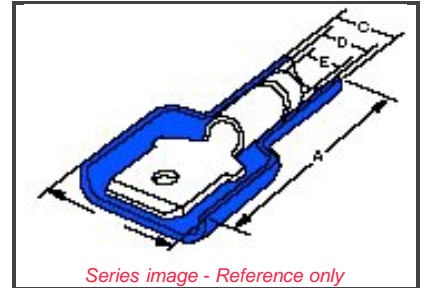
Series image - Reference only

EU RoHS   **China RoHS**
ELV and RoHS Compliant

Need more information on product compliance?

Email **productcompliance@molex.com**

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
19001 Series

Use With
19002-0028, 19002-0029, 19002-0030

Application Tooling
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.
**Global**

Description	Product #
Hand Crimp Tool	0640012600
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640052600

| Old Part Number | BB-5268 |

Reference - Drawing Numbers

| Sales Drawing | SD-19001-003 |

ASSEMBLY NUMBER		TAPE NUMBER		ITEM DESCRIPTION			DIMENSIONS					
MATERIAL NUMBER	ENGINEERING NUMBER	MATERIAL NUMBER	TAPE ENG. NUMBER	COLOR	WIRE GAUGE	TAB SIZE	'A' MAX	'B' MAX	'C' MAX	'D' MIN	'E' MIN	'H' REF
190010001	AA-5260	190010002	AA-5260T	RED	22-18 AWG (0.38-0.96mm²)	.250 × .032 (6.35 × 0.81)	.96/24.4	.45/11.4	.22/5.6	.140/3.56	Ⓐ.054/1.37	.48/12.2
190010003	AA-5266	190010005	AA-5266T	RED	22-18 AWG (0.38-0.96mm²)	.187 × .020 (4.75 × 0.51)	.90/22.9	.38/9.7	.22/5.6	.170/4.32	Ⓐ.054/1.37	.52/13.3
190010006	BB-5262	190010007	BB-5262T	BLUE	16-14 AWG (1.23-1.94mm²)	.250 × .032 (6.35 × 0.81)	.96/24.4	.45/11.4	.25/6.4	.140/3.56	.084/2.13	.48/12.2
190010008	BB-5268	190010009	BB-5268T	BLUE	16-14 AWG (1.23-1.94mm²)	.187 × .020 (4.75 × 0.51)	.90/22.9	.38/9.7	.25/6.4	.170/4.32	.084/2.13	.52/13.3

⌀C

⌀D (MWID)   ⌀E

A

B

H
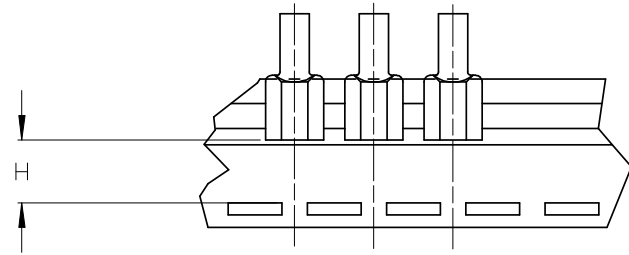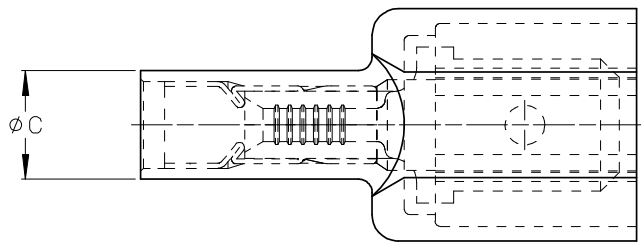
TAPE MOUNTING DETAIL
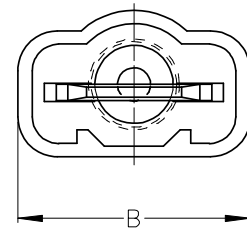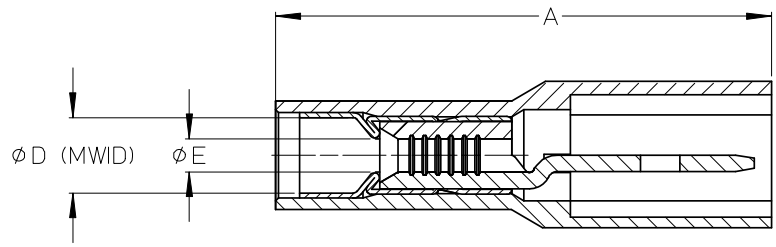
Ⓐ NOTES:
1. TERMINAL MATERIAL: BRASS
2. TERMINAL PLATING: ZINC CHROMATE
3. HOUSING: 6/6 NYLON
4. MWID: MAXIMUM WIRE INSULATION DIAMETER
5. TAB DIMENSIONS CONFORM TO UL310 SPECIFICATIONS.
6. ASSEMBLY IS ROHS COMPLIANT

REDRAW, MATERIALS
EC NO: ETC2007-0081
DRWN:EHILE   2008/01/28
CHKD:JMACNEIL   2008/01/28
APPR:JMACNEIL   2008/02/13
REV   DESCRIPTION
A

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	±.005
2 PLACES	± 0.13	±.01
1 PLACE	± 0.25	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE Ⓐ   IN/MM
SCALE 4:1
DESIGN UNITS INCH
⊚ ◁ THIRD ANGLE PROJECTION

DRAWN BY	DATE
RCM	1990/05/11
CHECKED BY	DATE
RDEROSS	1990/05/11
APPROVED BY	DATE
RDEROSS	1990/05/11

TITLE
AVIKRIMP FULLY INSULATED MALE TAB

molex   MOLEX INCORPORATED

MATERIAL NO.   SEE CHART
DOCUMENT NO.   SD-19001-003
SHEET NO.   1 OF 1

SIZE B   THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

tb_frame_B_P_ME_T
Rev. D 2004/04/02